

## **IN THE CLAIMS**

Claim 1 (currently amended): A brake disk for a disk brake comprising a brake band of a first material which has a high heat resistance and an inner part of a second material which has a lower density than the first material, the brake band having a plurality of extensions and the inner part having a plurality of extensions, with the plurality of extensions of the brake band and of the inner part arranged in pairs bordering one another, and a plurality of connecting elements ~~which connect~~ **connecting** the brake band to the inner part, **with the connecting elements by being** received in recesses formed in the plurality of extensions **to transfer force transmitted from the brake bank via the connecting elements to the inner part**, wherein ~~[[the]]~~ **each** recess is formed in such a way that the connecting line between ends of the recess is at an angle  $\alpha$  of from 15 to 85° to a tangential direction.

Claim 2 (previously presented): The brake disk as claimed in claim 1, wherein the angle  $\alpha$  is approximately 30°.

Claim 3 (previously presented): The brake disk as claimed in claim 1, wherein the end of the recess which is at front in a direction of rotation during forward travel is a smaller distance away from the center of the brake disk than the end of the recess which is at back in direction of rotation during forward travel.

Claim 4 (previously presented): The brake disk as claimed in claim 1, wherein a region of an edge of the extension which is before the recess in the direction of rotation during forward travel is at an angle  $\beta$  relative to the tangential direction, an end of the region section which is at the front in the direction of rotation during forward travel being a smaller distance away from a center of the brake disk than the end of the region which is at the back in the direction of rotation during forward travel.

Claim 5 (previously presented): The brake disk as claimed in claim 4, wherein a section of the edge of the extension which is behind the recess in the direction of rotation during forward travel is at an angle  $\gamma$  to the tangential direction, an end of the section which is at the front in the direction of rotation during forward travel being a smaller distance away from the center of the brake disk than that end of the section which is at the back in the direction of rotation during forward travel.

Claim 6 (original): The brake disk as claimed in claim 5, wherein the angle  $\gamma$  is greater than the angle  $\alpha$ .

Claim 7 (original): The brake disk as claimed in claim 6, wherein the angle  $\gamma$  substantially corresponds to the angle  $\alpha$ .

Claim 8 (previously presented): The brake disk as claimed in claim 6, wherein the angle  $\gamma$  is greater than the angle  $\beta$ .

Claim 9 (previously presented): The brake disk as claimed in claim 6, wherein substantially the angle  $\gamma$  corresponds to the angle  $\beta$ .

Claim 10 (previously presented): The brake disk as claimed in claim 1, wherein the recess encloses the connecting element in an angular range of more than  $180^\circ$ .

Claim 11 (previously presented): The brake disk as claimed in claim 10, wherein the angular range is approximately  $200^\circ$ .

Claim 12 (previously presented): The brake disk as claimed in claim 1, wherein the connecting elements are bolts and/or rivets.

Claim 13 (previously presented): The brake disk as claimed in claim 1, wherein the brake band is formed from steel.

Claim 14 (previously presented): The brake disk as claimed in claim 1, wherein the brake band is corrugated.

Claim 15 (previously presented): The brake disk as claimed in claim 1, wherein the brake band has holes in the form of slots.

Claim 16 (previously presented): The brake disk as claimed in claim 1, wherein the inner part is formed from light metal or a light metal alloy.

Claim 17 (previously presented): The brake disk as claimed in claim 1, wherein the inner part has an inner ring for fixing on a hub.

Claim 18 (previously presented): The brake disk as claimed in claim 1, wherein the extensions of the inner part each have a strut which is at front in a direction of rotation during forward travel and a strut which is at back in the direction of rotation during forward travel.

Claim 19 (previously presented): The brake disk as claimed in claim 1, wherein the extensions of the inner part each have a strut which is at back in a direction of rotation during forward travel with a rear strut of the struts of the extensions oriented to substantially lie in a braking force direction occurring during braking during forward travel.

Claim 20 (previously presented): The brake disk as claimed in claim 4, wherein a section of the edge of the extension which is behind the recess in the direction of rotation during forward

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travel is at an angle  $\gamma$  to the tangential direction, an end of the section which is at the front in the direction of rotation during forward travel being a smaller distance away from the center of the brake disk than that end of the section which is at the back in the direction of rotation during forward travel.